

# EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	"813163".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 21:33
S3	9	((("5,818,630") or ("6,151,338") or ("5,892,615") or ("6,433,306") or ("5,400,350") or ("5,563,732") or ("6,335,941") or ("6,340,806") or ("5,854,865")).PN.	USPAT	OR	OFF	2006/06/11 23:02
S2	185	"5,818,630" "6,151,338" "5,892,615" "6,433,306" "5,400,350" "5,563,732" "6,335,941" "6,340,806" "5,854,865"	USPAT	OR	ON	2006/06/11 23:02
S4	5	((("20040240037") or ("20040263950") or ("20040263949") or ("20050018714") or ("20040213302")).PN.	US-PGPUB	OR	OFF	2006/06/11 23:03
S6	2	"6885683".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/11 23:07
S5	14	S3 or S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/11 23:07
S9	7	S8 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/11 23:23
S8	15	(US-20040263950-\$ or US-20040263949-\$ or US-20050018714-\$ or US-20040240037-\$ or US-20040213302-\$).did. or (US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6335941-\$ or US-6151338-\$ or US-5892615-\$ or US-5854865-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/11 23:23
S7	8	(US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6151338-\$ or US-5892615-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did.	USPAT	OR	ON	2006/06/11 23:23

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S10	8	(US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6151338-\$ or US-5892615-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did.	USPAT	OR	ON	2006/06/12 00:45
S11	5	S10 and ASE	USPAT	OR	ON	2006/06/12 00:48
S12	0	fiber with length with avoid\$ with ASE and ("359" or "372").clas.	USPAT	OR	ON	2006/06/12 00:49
S13	1	fiber with length with avoid\$ with ASE and ("359" or "372").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 00:50
S16	6	fiber same length with remov\$5 with ASE and ("359" or "372").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 00:58
S15	0	fiber same length with remov\$5 with ASE and ("359" or "372").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 00:58
S17	1654	(359/341.\$2).ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:08
S18	1551	372/6.cdis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:09
S19	2942	S17 or S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:11
S20	50	S19 and pulse same stretch\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:12

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S22	0	S19 and stretch\$ and "6275512".pn.	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:19
S21	209	S19 and stretch\$	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:19
S24	5	"576772".ap.	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:22
S23	2	"6275512".pn.	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:22
S25	2	"6885683".pn.	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:25
S26	20	("4750809"   "5185827"   "5499134"   "5510743"   "5631758"   "5818630"   "5847863"   "5880877"   "5960016"   "5998759"   "6014249"   "6072811"   "6154310"   "6181463"   "6275250"   "6281471"   "6449301"   "6480656"   "6496301").PN. OR ("6885683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:26
S29	47	"372".clas. and module with replaceable	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:32
S28	21	"372".clas. and modular same replaceable	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:32

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S27	416	"372".clas. and modular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:32
S31	42	aom same pulse same select\$5 and filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 09:47
S30	10	aom same pulse same select\$5 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 09:47
S34	6	S33 and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:38
S32	10	aom same pulse same select\$5 same filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:38
S33	173	aom with filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:40
S35	16	aom same filter\$5 and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:41
S37	15	(US-20040240037-\$ or US-20040263949-\$ or US-20040213302-\$ or US-20040263950-\$ or US-20050018714-\$).did. or (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-6335941-\$ or US-5818630-\$ or US-5854865-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:08
S39	10	S36 or S37	USPAT	OR	ON	2006/07/20 11:09
S38	10	S37 or S37	USPAT	OR	ON	2006/07/20 11:09

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S36	8	(US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-5818630-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did.	USPAT	OR	ON	2006/07/20 11:09
S42	19	S41 or S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:10
S41	5	(US-20040213302-\$).did. or (US-6424762-\$ or US-6134046-\$ or US-6867910-\$ or US-6160660-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:10
S40	15	S36 or S37	US-PGPUB; USPAT	OR	ON	2006/07/20 11:10
S44	8	S42 and (ultrafast)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:11
S43	9	S42 and (ultrafast or ultrashort)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:11
S45	6	(US-20060120418-\$ or US-20050226278-\$). did. or (US-7072101-\$ or US-6631025-\$ or US-6014249-\$ or US-6885683-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:15
S46	20	S45 or S36 or S37	US-PGPUB; USPAT	OR	ON	2006/07/20 11:16
S47	0	("2004/0213302").URPN.	USPAT	OR	ON	2006/07/20 11:17
S51	6	(US-20060120418-\$ or US-20050226278-\$). did. or (US-7072101-\$ or US-6631025-\$ or US-6014249-\$ or US-6885683-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:36
S50	15	(US-20040240037-\$ or US-20040263949-\$ or US-20040213302-\$ or US-20040263950-\$ or US-20050018714-\$).did. or (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-6335941-\$ or US-5818630-\$ or US-5854865-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:36
S49	5	(US-20040213302-\$).did. or (US-6424762-\$ or US-6134046-\$ or US-6867910-\$ or US-6160660-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/20 11:36
S48	8	(US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-5818630-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did.	USPAT	OR	ON	2006/07/20 11:36

## EAST Search History (Prior Art)

S52	24	S48 or S49 or S50 or S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:37
S54	2	"6275512".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:46
S53	201	fiber and stretch\$ and compress\$5 and pulse and laser and amplif\$5 and ("372". clas. or "359".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:46
S55	43	("359" or "372").clas. and "35" with db with isolat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 12:50
S57	14	("359" or "372").clas. and oscillator same amplifier same db with isolat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 12:51
S56	2	("359" or "372").clas. and oscillator with amplifier with db with isolat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 12:51
S58	14	(US-20030202547-\$).did. or (US-6151338-\$ or US-5818630-\$ or US-5400350-\$ or US-6631025-\$ or US-6014249-\$ or US-7072101-\$ or US-6804287-\$ or US-5862287-\$ or US-5847863-\$ or US-6804045-\$ or US-6272156-\$ or US-5592327-\$ or US-6275512-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/21 10:25
S14	9	fiber with avoid\$ with ASE and ("359" or "372").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 10:37

## EAST Search History (Prior Art)

S59	143	fiber same (remov\$5 or avoid\$) same ASE and ("359" or "372").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 10:40
S60	23	fiber same (remov\$5 or avoid\$) same ASE and ("359" or "372").clas. and 372/6.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 10:41
S61	18	(fiber with (long or length)) same (remov\$5 or avoid\$) same ASE and ("359" or "372"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 11:31
S62	2	372/6.cds. and (amplif\$ with "after" with stretch\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 11:33
S64	2	"5,847,863".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:01
S63	10	("372" or "359").clas. and (amplif\$5 with "after" with stretch\$) same fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:01
S66	26	aom with advantage and ("372" or "359"). clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:08
S65	1	aom with advantage with pulse with select\$5 and ("372" or "359").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:08

## EAST Search History (Prior Art)

S67	9	(US-20030156605-\$).did. or (US-7072101-\$ or US-6804287-\$ or US-6804045-\$ or US-6272156-\$ or US-5862287-\$ or US-5847863-\$ or US-5400350-\$ or US-5592327-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/21 12:33
S68	9	S67 and fiber	US-PGPUB; USPAT	OR	ON	2006/08/21 12:34
S70	1	S67 and fiber with splice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:36
S69	0	S67 and modular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 12:36
S72	0	S71 and AOM	US-PGPUB; USPAT	OR	ON	2006/08/21 13:06
S71	9	(US-20030156605-\$).did. or (US-7072101-\$ or US-6804287-\$ or US-6804045-\$ or US-6272156-\$ or US-5862287-\$ or US-5847863-\$ or US-5400350-\$ or US-5592327-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/21 13:06
S73	4	S71 and acousto-optic	US-PGPUB; USPAT	OR	ON	2006/08/21 13:07
S75	1	spatial near2 dispersion with aom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:38
S77	29	spatial near2 dispersion same modulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:39
S76	1	spatial near2 dispersion same aom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:39



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S78	2	10/627,069.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 11:32
S79	19	("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5563732" "5818630" "5854865" "5892615" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/06/04 10:51
S81	1	S80 not S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 10:53
S80	15	(US-20040263949-\$ or US-20040240037-\$ or US-20040263950-\$ or US-20040213302-\$ or US-20050018714-\$).did. or (US-6885683-\$ or US-6340806-\$ or US-6151338-\$ or US-5818630-\$ or US-5563732-\$ or US-6433306-\$ or US-5892615-\$ or US-5400350-\$ or US-6335941-\$ or US-5854865-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/04 10:53
S82	5	S79 not S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 10:54
S83	2	10/437057.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 11:07
S84	21	("20020170891" "20030156605" "20040263949" "4635263" "4750809" "4896326" "4913520" "5400350" "5553088" "5627853" "5818630" "5880877" "6208458" "6249630" "6373565" "6400495" "6404964" "6421573" "6436602" "6728273" "6760356").PN. OR ("7330301").UH-PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 11:08

## EAST Search History (Prior Art)

S85	0	feedback same pump same amplifier same control same wavelength same temprature same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 11:28
S86	25	feedback\$5 same pump\$4 same amplifier same control\$4 same wavelength same temperature same fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 11:29
S87	454	feedback\$5 same control\$4 same wavelength same temperature same fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 13:13
S88	51	feedback\$5 same control\$4 same wavelength same temperature same fiber and 372/6,34.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 13:15
S89	23	("5706301"   "5793784"   "6198757").PN. OR ("6389046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 13:39
S90	23	("5706301"   "5793784"   "6198757").PN. OR ("6389046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 13:55
S91	0	372/6.clas. and tap near5 divert\$4 near5 monitor\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 13:58
S93	1	372/6.ccls. and tap\$4 same divert\$4 same monitor\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 13:59
S92	0	372/6.clas. and tap\$4 same divert\$4 same monitor\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/04 13:59
S94	1	372/6.ccls. and tap\$4 same divert\$4 same monitor\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 14:00

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S95	13	"372".clas. and tap\$4 same divert\$4 same monitor\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 14:01
S96	15	"372".clas. and optical same tap\$4 same fiber and divert\$4 same monitor\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/04 14:04
S98	46	372/6.ccls. and polarization near2 maintaining near2 fiber same (advantag\$5 benefit\$5 (better higher high improv\$6 increas\$5) near3 (speed quality efficiency) (highly near3 efficient) (lower\$5 low reduc\$6 decreas\$5) near3 (complex\$5 cost price) (saving near cost))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 18:18
S97	215	372/6.ccls. and polarization near2 maintaining near2 fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 18:18
S99	2	"5,400,350".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 18:30
S10 2	2	AOM near20 compressor and ("372" "359"). clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:33
S10 1	2	AOM near10 grating near10 compressor and ("372" "359").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:33

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S10 3	6	AOM same compressor and ("372" "359"). clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:34
S10 6	21	AOM same compress\$5 and ("372" "359"). clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:36
S10 5	52	AOM near10 grating and ("372" "359").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:36
S10 4	98	AOM same grating and ("372" "359").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:36
S10 7	3	spatial near2 dispersion same (aom acousto\$ near2 modulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:44
S10 8	7	spatial near2 dispersion same (aom acousto\$ near2 modulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 19:46
S10 9	33	(pm (polarizat\$5 polarisat\$5) near2 maintain\$4) near5 (fiber fibre) near5 splice and ("372" "359").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/31 22:06

## EAST Search History (Prior Art)

S11 0	40	(pm (polarizat\$5 polarisat\$5) near2 maintain\$4) near5 splice same (fiber fibre) same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/31 22:17
S11 1	1	aom same lenses same fiber and 372/6.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:35
S11 2	118	aom same lenses same fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:36
S11 3	10	aom near5 lenses near5 fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:37
S11 6	2	aom same lenses same fiber same pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:45
S11 5	0	aom near5 lenses near5 fiber near5 pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:45
S11 4	0	aom near lenses near5 fiber near5 pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:45

## EAST Search History (Prior Art)

S11 7	3	(aom accoustooptic acousto-optic acoustooptic acousto-optic) same lenses same fiber same pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 19:48
S11 8	7	(modulator aom accoustooptic acousto-optic acoustooptic acousto-optic) same lenses same fiber same pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:21
S11 9	20	(aom accoustooptic acousto-optic acoustooptic acousto-optic) same lenses same pulse near2 select\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:24
S12 1	5991	between near10 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:33
S12 0	0	(aom accoustooptic acousto-optic acoustooptic acousto-optic) near10 between near10 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:33
S12 2	4	(aom accoustooptic acousto-optic acoustooptic acousto-optic) near20 between near20 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:34
S12 3	0	(pulse near2 select\$5) near20 between near20 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:37

## EAST Search History (Prior Art)

S12 4	22	(pulse near2 select\$5) near20 between near20 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:38
S12 5	52	(pulse near2 select\$5 aom) same pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:41
S12 7	2	(pulse near2 modulat\$5) near10 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:50
S12 6	371	(modulat\$5) near10 pair near5 lenses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:50
S12 8	7	aom near20 pulse near5 (select\$5 modulat\$5) near20 lens near20 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 20:52
S13 1	0	S129 and aom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 21:39
S13 0	0	S129 and aom same lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 21:39

# **EAST Search History (Prior Art)**

S12 9	44	("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/01 21:39
S13 2	22	("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/09/01 21:40
S13 4	6	("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. and acoust\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/09/01 21:41
S13 3	0	("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. and aom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/09/01 21:41
S13 6	6	S132 and stretch\$6 and compress\$6 and acoust\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/09/01 21:50
S13 5	0	S132 and stretch\$6 and compress\$6 and aom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/09/01 21:50
S13 7	2	10/627,069.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 09:28



## EAST Search History (Prior Art)

S13 8	2	"5,450,427".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/02 09:36
S13 9	45	oscillator near3 laser same filter same attenuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 07:57
S14 0	2	oscillator near3 laser same filter same attenuator and 372/6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 07:58
S14 1	4	oscillator near3 laser same filter same attenuator same (stretch\$4 fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 08:41
S14 2	8	oscillator same filter same attenuator same (stretch\$4 fiber) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 08:46
S14 3	52	oscillator same filter adj99 (stretch\$4 fiber) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:01
S14 4	10	oscillator same filter adj99 (stretch\$4) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:02

## EAST Search History (Prior Art)

S14 5	23	filter adj99 (stretch\$4) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:07
S14 6	1	09/576772.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:10
S14 8	1	05/360,178.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:18
S14 7	1	07/360,178.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/20 09:18
S14 9	2	"6275512".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/21 07:08
S15 0	2	US-6885683-\$.DID. OR US-6886683-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/21 07:17
S15 1	10	US-7088756-\$.DID. OR US-7190705-\$.DID. OR US-4787927-\$.DID. OR US-5627848-\$. DID. OR US-5861970-\$.DID. OR US-6034975-\$.DID. OR US-6097741-\$.DID. OR US-6373867-\$.DID. OR US-6393035-\$. DID. OR US-20040213302-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/21 07:21
S15 3	3	S151 and attenuat\$5 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/21 07:26

## EAST Search History (Prior Art)

S15 2	4	S151 and attenuat\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/21 07:26
S15 4	27	variable near20 attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/24 16:07
S15 5	36	fiber same attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/24 16:18
S15 6	10	fiber same attenuat\$5 same oscillat\$5 same amplif\$5 same ase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/24 16:35
S15 7	37	filter near99 (stretch\$4) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/24 17:05
S15 9	11	(ase amplified near2 spontaneous near emission) same amplifier near3 gain same (spectrum spectra) same small near2 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 14:48
S15 8	188	(ase amplified near2 spontaneous near emission) same amplifier near3 gain same (spectrum spectra)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 14:48

## EAST Search History (Prior Art)

S16 0	2	"5701195".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 14:52
S16 2	37	filter near99 (stretch\$4) and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 14:55
S16 1	36	fiber same attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 14:55
L6	157	(372/6,9,20,25,29.02,32).ccls. and fiber and (fabry near1 perot etalon filter\$4) and stretch\$4 and amplif\$6 and compress\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 13:16
L8	58	(Liu near1 (Zhenlin Zhen near1 lin) Cho near1 Gyu near1 Choen Gu near1 (Xinhua Xin near1 hua) Ulrich near1 (Otho otto) Harter near1 Donald).in. and "372".clas. and fiber and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 13:47
L11	10	(372/6,9,20,25,29.02,32).ccls. and (fiber and (fabry near1 perot etalon filter\$4) and stretch\$4 and amplif\$6 and compress\$5). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 13:49

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	160	(372/6,9,20,25,29.02,32).ccls. and fiber and (fabry near1 perot etalon filter\$4) and stretch\$4 and amplif\$6 and compress\$5	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/13 13:43

## EAST Search History (Interference)

L10	10	(372/6,9,20,25,29.02,32).cds. and (fiber and (fabry near1 perot etalon filter\$4) and stretch\$4 and amplif\$6 and compress\$5). cm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/13 13:48
L9	58	(Liu near1 (Zhenlin Zhen near1 lin) Cho near1 Gyu near1 Choen Gu near1 (Xinhua Xin near1 hua) Ulrich near1 (Otho otto) Harter near1 Donald).in. and "372".das. and fiber and laser	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/13 13:48